

# DCT Fixed Speed Base Mount Air Compressors

100hp – 420hp



Internal circuit and rotor profile optimised to lessen pressure drops and ensuring 8% less energy consumption.

Electrical cabinet IP54 class protection

Dual air oil cooling fans with vertical radiators allows 50-degree ambient temperature operation as standard.

5 year / 10,000 hour warranty

Compact design ensures minimal footprint with maximum quality compressed air

Very quiet full load operation –Elastic Direct Drive Coupling Element, 4 Pole Asynchronous Motor, Vibration Damping Mounted and Industry leading Sound Insulation

## DESCRIPTION

Designed to the highest possible standards and to suit the Australian conditions, the DCT range is the market leading Air Compressor range when quality, performance, efficiency, and reliability are considered. Manufactured in Italy, the DCT range can operate efficiently in ambient temperatures of up to 50 degrees by utilising the specialised double cooling fans and double air and oil coolers. This in turn lowers the temperature of the air supply to the compressed air dryer, once more increasing efficiency. The radiators have been designed in a vertical position to ensure dust or debris does not settle into the fins.

MODEL	MOTOR POWER		PRESSURE		FLOW RATE		NOISE LEVEL	POWER	OUTLET	DIMENSIONS	WEIGHT
	SB	kW	Hp	Bar	Psi	l/min					
DCT1000	75	100	8	116	12686	448	74	400/50/3	G2"	2092 x 1521 x 1956	2150
			10	145	11100	392					
			13	188	9486	335					
DCT1200	90	120	8	116	15800	558	76	400/50/3	G2"	2092 x 1521 x 1956	2446
			10	145	12912	456					
			13	188	11609	410					
DCT1500	110	150	8	116	19113	675	76	400/50/3	DN80	2981 x 1852 x 2020	3199
			10	145	15291	540					
			13	188	13308	470					
DCT1800	132	180	8	116	21803	770	78	400/50/3	DN100	3282 x 1879 x 2121	3601
			10	145	18802	664					
			13	188	15489	547					
DCT2150	160	215	8	116	25711	908	78	400/50/3	DN100	3276 x 1879 x 2120	3899
			10	145	24210	855					
			13	188	20303	717					
DCT2700	200	270	8	116	31290	1105	78	400/50/3	DN100	3449 x 1998 x 2151	4999
			10	145	29109	1028					
			13	188	22795	805					
DCT3350	250	335	8	116	41201	1455	78	400/50/3	DN125	4000 x 2151 x 2250	7000
			10	145	37208	1314					
			13	188	31488	1112					
DCT4200	315	420	8	116	52102	1840	78	400/50/3	DN125	4000 x 2151 x 2250	7599
			10	145	47005	1660					
			13	188	38312	1353					



**DCT TRANSMISSION COUPLING**

The DCT range is driven by the unique DCT transmission coupling. This no maintenance coupling is a non-lubricated, flexible polyurethane element and when replacement is required, the design ensures there is no need to remove hubs or realign the motor or pump.

**EFFICIENT AND TIME SAVING**

The DCT range is designed for efficient and time saving service and maintenance. Equipped with an external motor bearing lubrication point ensures the servicing can be completed at required intervals without removing any panels of the machine.

**BACKED BY FOCUS INDUSTRIAL'S 5 YEAR / 10,000H WARRANTY**

The DCT range is guaranteed to supply clean and efficient compressed air whilst ensuring peace of mind for clients for not only the full warranty period, but for the entire service life. With spare parts and consumables readily available, the service and maintenance can occur in small timeframes to decrease machine downtime.



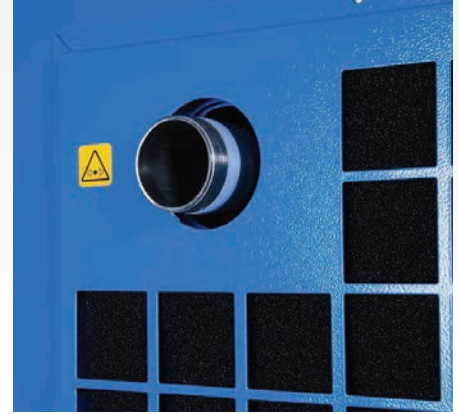
**THE CONVENIENCE OF A KTRONIC 100 CONTROLLED TOUCH SCREEN**

A KTRONIC 100 controlled touch screen is included on all the SB VSD series ensuring the increased performance and efficiency are easily monitored. The KTRONIC 100 makes remote monitoring of the compressor possible when a LAN connection is present. Energy savings are possible thanks to a built-in timer that allows adjustment of the working pressure around the clock.

A log of the working state of the compressor is automatically kept providing invaluable data when optimizing the cost of compressed air. The premium quality controller and monitoring system is the only thing suitable for a premium quality SB Series Air Compressor.

**PROTECTION**

Phase reversal protection, overheat protection, motor TH protection, emergency stop protection, overpressure protection and backflow oil prevention.



**EXTERNAL MOTOR**

External motor bearing lubrication point

**LAN CONNECTION**

Lan Connection allows for remote control operation from PC/Smartphone.

**LOW RPM**

Low RPM allows for longer bearing service life.

**REPLACEABLE COUPLING ELEMENT**

Coupling element replaceable without hub removal or motor/pump realignment needed

**LOWER AIR OUTLET TEMPERATURE**

Lower air outlet temperature to improve dryer performance.

